

Message Text

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43

ACTION SY-07

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FM AMEMBASSY ATHENS

TO SECSTATE WASHDC IMMEDIATE 5108

INFO USIA WASHDC IMMEDIATE

AMEMBASSY BEIRUT

C O N F I D E N T I A L ATHENS 6042

E.O. 11652: GDS

TAGS: ACOM, GR, AFSP, ASEC

SUBJECT: COMMUNICATIONS REQUIREMENT - VHF AND HF RADIO EQUIPMENT

REF: STATE 182145; ATHENS 6031

BEIRUT FOR RCO

1. DURING PRESENT CRISIS AFFECTING CYPRUS, GREECE AND TURKEY THERE RESULTED A CONSIDERABLE AMOUNT OF ANTI-AMERICAN SENTIMENT, A VIOLENT DEMONSTRATION AT IRAKLION (CRETE) AIR STATION, AND NUMEROUS THREATS OF FURTHER DEMONSTRATIONS. THE INADEQUACY OF THE VHF EQUIPMENT CURRENTLY AVAILABLE BECAME ABVIOUS. IT IS ESSENTIAL THAT IN SUCH TROUBLED TIMES THE CHANCERY HAVE THE USE OF A RELIABLE SHORT RANGE VOICE COMMUNICATIONS NETWORK. DURING THE PRESENT QUIET PERIOD, A MEETING WAS CHAIRED BY THE ADMINIST-RATIVE COUNSELOR (AUGUST 21) TO DISCUSS THE UPGRADING OF THE EMBASSY CAPABILITY IN THIS VITAL AREA. VOA KAVALA TECHNICIANS CAREFULLY EXAMINED ALL EQUIPMENT AND COORDINATED THEIR RECOMMEND-ATIONS WITH REGIONAL RELAY FACILITY PERSONNEL. THE FOLLOWING CONCLUSIONS AND RECOMMENDATIONS ARE SUBMITTED FOR THE DEPARTMENT'S STUDY AND ACTION.

2. IN ORDER TO POSSESS VHF COMMUNICATIONS COMMENSURATE WITH E&E AND SECURITY REQUIREMENTS, THE FOLLOWING EQUIPMENT IS PROPOSED:

A) ONE REPEATER SYSTEM LOCATED ON MT. PARNIS WHICH WILL PERMIT LINE OF SIGHT COVERAGE OF THE ENTIRE ATHENS AREA. THIS WILL
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UPGRADE COMMUNICATIONS BETWEEN ALL UNITS (HAND-HELD WALKIE-

TALKIES; MOBIL UNITS AND BASE STATIONS.)

B) TWO (2) COLLINS KWM-2A TRANSCEIVERS WITH LINEAR AMPLIFIERS TO REPLACE EXISTING INADEQUATE AND OUTDATED EQUIPMENT AT VOA RHODES AND KAVALA.

C) TWO (2) HIGH GAIN ANTENNAE

D) TEN (10) ADDITIONAL PR-36'S WITH 220 CHARGERS

E) THIRTY-FIVE (35) CRYSTALS TO RECRYSTALIZE ALL SETS.

3. THE TWO FREQUENCIES CURRENTLY AVAILABLE WILL BE USED BY THE NEW EQUIPMENT. THE REPEATER WILL RECEIVE SIGNALS ON CHANNEL 1, 162.125 MHZ REPEAT MHZ AND RETRANSMIT THEM ON CHANNEL 2, 162-750 MHZ REPEAT MHZ. ALL WALKIE-TALKIES, MOBILE UNITS AND BASE STATIONS WILL RECEIVE AND TRANSMIT ON CHANNEL 1, 162.125 FOR DIRECT COMMUNICATION BETWEEN USERS. ALL UNITS WILL TRANSMIT ON CHANNEL 2, 162.125, AND RECEIVE ON CHANNEL 2, 162.750, THUS PERMITTING COMMUNICATION THROUGH THE REPEATER ON CHANNEL 2. IN THE EVENT OF REPEATER FAILURE, COMMUNICATIONS BETWEEN ALL UNITS WOULD BE POSSIBLE ON CHANNEL 1 BUT WOULD BE LIMITED TO LINE OF SIGHT DISTANCES BETWEEN UNITS.

4. COSTS AND FURTHER INFORMATION CONCERNING THE REQUIRED EQUIPMENT FOLLOWS:

A) REPEATER STATION (TO BE PROCURED LOCALLY FROM MOTOROLA AND TO INCLUDE A MAINTENANCE CONTRACT. MOTOROLA CURRENTLY MAINTAINED THE DEFENSE ATTACHE'S NET AND THE SIXTH FLEET SUPPORT OFFICE'S NET).

\$3,200.00

B) TWO (2) COLLINS KWM-2A TRANSCEIVERS WITH LINEAR AMPLIFIER (TO INCLUDE AMPLIFIER AND ASSOCIATED ANTENNAE) TO REPLACE EXISTING HIGH FREQUENCY RCA SINGLE SIDE BAND SETS. COST PER UNIT \$2,700 \$5,400.00

C) TWO (2) HIGH GAIN ANTENNA'S (ALSO PROCURED
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AND SERVICED LOCALLY BY MOTOROLA AT \$400.00 EACH
\$ 800.00

D) TEN (10) ADDITIONAL PR-36'S WITH 220 CHARGERS
TO PROVIDE FULL COVERAGE TO ALL THE PRINCIPALS IN
THIS MISSION AT A COST OF \$1,300 EACH. \$13,000.00

E) THIRTY FIVE (35) CRYSTALS AT \$35.00 EACH \$1,225.00

\$23,625.00

ESTIMATED PACKING AND SHIPPING COSTS	225.00
ESTIMATED RPT ESTIMATED TOTAL COST	\$23,850.00
TASCA	

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